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EXAMINER

VU, THONG H

ART UNIT

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

09/604,428

Applicant(s)

BAKER, MICHELLE

Examiner

Thong H. Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

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1. Claims 1-27 are pending.
2. Applicant's request for Pre Appeal conference, filed 8/16/06, with respect to the Kamiya reference have been fully considered and are persuasive. The Rejection of claims 1-27 has been withdrawn. The new ground of Objection and Rejection is follow.

### ***Double Patenting***

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-27 are rejected on the ground of nonstatutory double patenting over claims 1-25 of U. S. Patent No. 7,076,730 ('730) since the claims, if allowed, would improperly extend the "right to exclude" already granted in the patent.

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The subject matter claimed in the instant application is fully disclosed in the patent and is covered by the patent since the patent and the application are claiming common subject matter, as follows:

('730) 1. An electronic mail client embodied in an executable computer-readable medium, comprising:

- a) a plurality of authoring and reading components, a first of said plurality of authoring components for creating a representation of a document including an other than text portion and for creating the other than text portion of the document;
- b) encoding means for automatically encoding said representation created with said authoring components into an Internet-compatible email message; and
- c) decoding means for automatically decoding said representation encoded by said encoding means, wherein said encoding means and said decoding means communicate bi-directionally with said authoring components.

2. An electronic mail client according to claim 1, wherein: said plurality of authoring components include at least one installable component.

3. An electronic mail client according to claim 1, wherein: said plurality of authoring components includes at least one component selected from the group consisting of a game component, a spreadsheet component, and a graphic editor component wherein at least two of said authoring components provide user interfaces different from each other.

4. An electronic mail client according to claim 1, wherein: said plurality of authoring components includes at least one component selected from the group consisting of a database component, a presentation component, and a puzzle component.

5. An electronic mail client according to claim 1, wherein: said encoding means includes MIME-compatible encoding means.

6. An electronic mail client according to claim 1, wherein: said encoding means includes means for creating a MIME file and means for creating a multipart MIME message, each of said authoring component cooperating with said encoding means such that a creation of said MIME file and said multipart MIME message is transparent to a user.

7. An electronic mail client according to claim 6, wherein: said decoding means includes means for concatenating a multipart MIME message and means for decoding a MIME file, each of said authoring component cooperating with said decoding means such that a concatenation of said multipart MIME message and

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said decoding of MIME files is transparent to the user.

8. An electronic mail client according to claim 1, further comprising: d) a plurality of installable mailbox/browser components, each of said mailbox/browser components displaying different types of documents in a user's mailbox.

9. An electronic mail client according to claim 1, further comprising: d) a plurality of installable mailbox/browser components, each of said mailbox/browser components displaying mailbox contents in a different style.

10. An electronic mail client according to claim 1, wherein: at least one of said authoring components includes means for recognizing whether a user is an author or a reader and for responding differently to authors and readers.

11. An electronic mail client according to claim 1, wherein: at least one of said authoring components includes means for allowing a user to create a read-only document.

(Application) 1. (currently amended) An electronic mail client system, comprising:

a) a mail handling component for sending and receiving electronic mail; and  
b) an authoring/reading component for creating electronic mail messages and for reading electronic mail messages, said authoring/reading component having at least two modes of authoring,

said modes being selectable by said authoring/reading component when creating an electronic mail message, wherein each mode causes the electronic mail message to be displayed in a different manner when read by the authoring/reading component.

2. (currently amended) An electronic mail client system according to claim 1, wherein: said two modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient.

3. (currently amended) An electronic mail client system according to claim 1, wherein: the mode of a message is encoded in the message and determined by the authoring/reading component when the message is read.

4. (currently amended) An electronic mail client system according to claim 3, wherein: the mode of a message is encoded as a MIME-type.

5. (currently amended) An electronic mail client system according to claim 1, wherein: a message created in a first of said two modes allows a recipient of the message to use a first set of tools to respond to the message, and a message created in a second of said two modes allows a recipient of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other.

6. (currently amended) An electronic mail system client according to claim 1, wherein: a message created in a first of said two modes allows a recipient of the message to see all of the information contained in the message, and

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a message created in a second of said two modes allows a recipient of the message to see a only subset of the information contained in the message.

7. (currently amended) An electronic mail client system according to claim 1, wherein: a message created in a first of said two modes allows a recipient of the message to see the information contained in the message organized in the same way it appeared during creation of the message, and

a message created in a second of said two modes prevents a recipient of the message from seeing the information contained in the message organized in the same way it appeared during creation of the message, and only allows the recipient to see the information organized in a different way.

Furthermore, there is no apparent reason why applicant was prevented from presenting claims corresponding to those of the instant application during prosecution of the application which matured into a patent. See MPEP § 804.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-27 are rejected under 35 U.S.C. 102(a) as being anticipated by Microsoft Outlook 98 for Windows and NT ,1997 (MS-Outlook98).

4. As per claim 1 MS-Outlook98 discloses An electronic mail client system, comprising:

- a) a mail handling component for sending and receiving electronic mail; and
- b) an authoring/reading component for creating electronic mail messages and for reading electronic mail messages, said authoring/reading component having at least

two modes of authoring, said modes being selectable by said authoring/reading component when creating an electronic mail message, wherein each mode causes the electronic mail message to be displayed in a different manner when read by the authoring/reading component [MS-Outlook98, specifying email format allows message to be displayed in a different manner, TIP. Page 189].

5. Claims 8,19,22 contain the identical limitations set forth in claim 1. Therefore claims 15-18 are rejected for the same rationale set forth in claim 1.

6. Claims 2-7,9-13,20-21,23-27 contain the inherent feature of limitations in claim 1. Therefore claims 2-7,9-13,20-21,23-27 are rejected for the same rationale set forth in claim 1.

7. As per claim 14, Wilhelm discloses An electronic mail client, comprising:

a) a plurality of authoring/reading components for creating and viewing representations of information; b) encoding means for automatically encoding representations created with said authoring/reading components into an Internet compatible email message; and wherein at least one of said authoring/reading components is responsive to a role mode encoded in an email message whereby said role mode determines how information in said email message will be displayed [MS-Outlook98, specifying email format allows message to be displayed in a different manner, TIP. Page 189].

c) decoding means for **automatically decoding** said representations encoded by said encoding means [Ms-Outlook98, Mail format tab, step 2, pages 189]. It's clearly

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that formatting email by STMP or MIME protocol provide automatically encode/decode the message.

8. Claims 15-18 contain the inherent feature of limitations in claim 14. Therefore claims 15-18 are rejected for the same rationale set forth in claim 14.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-13,19-27 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Wilhelm [5,319,543].

9. As per claim 1, Wilhelm discloses An electronic mail client, comprising:

a) a mail handling component for sending and receiving electronic mail [Wilhelm, a file server handles the medical record documents 202 or electronic message, col 4 lines 9-41, Fig 3]; and

b) an authoring/reading component for creating electronic (mail) messages and for reading electronic (mail) messages, said authoring/reading component having at least two modes of authoring, said modes being selectable (i.e.: assigning and changing security authorization levels or modes) by said authoring/reading component when creating an electronic (mail) message [Wilhelm, assigning authorization levels, col 5



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lines 45-65; the system determines that the user is authorized to view a predefined subset, as the first mode, and to view entire records, as a second mode, col 7 lines 32-48],

wherein each mode causes the electronic (mail) message to be displayed in a different manner when read by the authoring/reading component [Wilhelm, different view is displayed, col 6 lines 4-18].

Wilhelm does not explicitly detail electronic message as email message. It would be obvious to an ordinary skill in the art at the invention was made to modify the electronic message to email message to enhance the security and authoring control electronic message to email environment.

Doing so would provide dynamic and efficient to create and delivery email message via Internet.

10. As per claim 2, Wilhelm discloses said two modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient [Wilhelm, doctor or physician and patient, col 120 lines 42-63].

11. As per claim 3, Wilhelm discloses the mode of a message is encoded in the message and determined by the authoring/reading component when the message is read [Wilhelm, encoding software, col 6 lines 36-47].

12. As per claim 4, Wilhelm discloses the mode of a message is encoded as a MIME-type as design choice of encoding software [Wilhelm, encoding software, col 6 lines 36-47].

13. As per claim 5, Wilhelm discloses a message created in a first of said two modes allows a recipient of the message to use a first set of tools to respond to the message, and a message created in a second of said two modes allows a recipient of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other [Wilhelm, the parameters indicate which program code or set of tools should execute when processing that case, col 11 lines 3-15].

14. As per claim 6, Wilhelm discloses a message created in a first of said two modes allows a recipient of the message to see all of the information contained in the message, and a message created in a second of said two modes allows a recipient of the message to see a only subset of the information contained in the message [Wilhelm, the system determines the user is authorized to search and view another predefined subset or entire records, col 7 lines 32-48].

15. As per claim 7, Wilhelm discloses a message created in a first of said two modes allows a recipient of the message to see the information contained in the message organized in the same way it appeared during creation of the message, and a message

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created in a second of said two modes prevents a recipient of the message from seeing the information contained in the message organized in the same way it appeared during creation of the message, and only allows the recipient to see the information organized in a different [Wilhelm, different view is displayed, col 6 lines 4-18].

16. As per claim 8, Wilhelm discloses An electronic mail system, comprising:

a) a first electronic mail client having a first authoring/reading component for creating and reading electronic mail messages [Wilhelm, create for each subsets of records, col 9 lines 33-52]; and

b) a second electronic mail client having a second authoring/reading component for creating and reading electronic mail messages [Wilhelm, create another subset case of documents, col 10 lines 43-63],

wherein said first authoring/reading component creates messages in a first mode and said second authoring/reading component reads messages in a second mode [Wilhelm, assigning authorization levels, col 5 lines 45-65; and authorized to view a predefined subset as the first mode and/or entire records as a second mode, col 7 lines 32-48], each mode causing messages to be displayed in a different manner [Wilhelm, different view is displayed, col 6 lines 4-18].

17. As per claim 9, Wilhelm discloses said first and second modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and

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bidder, and doctor and patient [Wilhelm, doctor or physician and patient, col 120 lines 42-63].

18. As per claim 10, Wilhelm discloses the mode of displaying a message is encoded in the message by the first authoring/reading component and determined by the second authoring/ reading component when the message is read [Wilhelm, the system determines the user is authorized to search and view another predefined subset or entire records, col 7 lines 32-48].

19. As per claim 11, Wilhelm discloses a message displayed in said first mode allows a viewer of the message to use a first set of tools to respond to the message, and a message displayed in said second mode allows a viewer of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other [Wilhelm, the parameters indicate which program code should execute when processing that case, col 11 lines 3-15].

20. As per claim 12, a message viewed in said first mode allows the viewer of the message to see all of the information contained in the message, and a message created in said second mode allows the viewer of the message to see only a subset of the information contained in the message [Wilhelm, encoding software, col 6 lines 36-46; search and view a subset or entire records, col 7 lines 32-48].

21. As per claim 13, Wilhelm discloses a message viewed in said first mode allows a viewer of the message to see the information contained in the message organized one way, and a message viewed in said second mode only allows the recipient to see the information organized in a second way different from said first way [Wilhelm, the system determines the user is authorized to search and view another predefined subset or entire records, col 7 lines 32-48].

22. As per claim 19, Wilhelm discloses An electronic mail client comprising:

a) a main email component for sending and receiving messages [Wilhelm, a file server, col 4 lines 49-55]; and

b) a plurality of installable authoring/reading components for creating and reading messages [Wilhelm, create for each subsets of records, col 9 lines 33-52],

wherein said main email component communicates with said authoring/reading components through a bidirectional application programming interface [Wilhelm, send and receive records, col 9 line 64-col 10 line 14].

23. As per claim 20, Wilhelm discloses said application programming interface provides at least one function call to said main email client by an authoring/reading component selected from the group consisting of get message, send message, save message, pass message, get registered users, enable button, disable button, and kill component [Wilhelm, adding or deleting record documents via menu choice, col 5 lines 45-65].

24. As per claim 21, Wilhelm discloses said application programming interface provides at least one function call to an authoring/reading component by said main email client selected from the group consisting of close window, get component info, initialize window, send message, open message, reply message, clear message, print message [Wilhelm, Microsoft Windows, col 3 line 10; a printer 160, Fig 2].

25. As per claim 22, Wilhelm discloses A method of corresponding by electronic mail, comprising:

a) creating a representation of information [Wilhelm, create for each subsets of records, col 9 lines 33-52];

b) encoding the representation into an Internet-compatible email message [Wilhelm, encoding software, col 6 lines 36-46];

c) sending the email message to an email client [Wilhelm, send and receive, col 9 line 64-col 10 line 14]; and

d) decoding the email message at the email client, wherein the email client is responsive to a role mode encoded in the email message whereby the role mode determines how information in said email message will be displayed [Wilhelm, different view is displayed, col 6 lines 4-18].

26. As per claim 23, Wilhelm discloses the role mode is selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient [Wilhelm, doctor or physician and patient, col 10 lines 42-63].

27. As per claim 24, Wilhelm discloses the role mode of a message is encoded as a MIME-type as design choice of encoding software [Wilhelm, encoding software, col 6 lines 36-47].

28. As per claim 25, Wilhelm discloses the role mode determines what tools may be used by the email client to view the representation of information [Wilhelm, WORM, col 12 lines 2].

29. As per claim 26, Wilhelm discloses the role mode determines what tools may be used by the email client to respond to the message [Wilhelm, the scan application program, col 9 lines 12-22].

30. As per claim 27, Wilhelm discloses the role mode determines how much of the representation of information can be viewed by the email client [Wilhelm, OPT1 and OPT2, col 11 lines 55-67].

31. Claims 14-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wilhelm [5,319,543] in view of Reed et al [Reed 6,757,710 B2].

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32. As per claim 14, Wilhelm discloses An electronic mail client, comprising:

a) a plurality of authoring/reading components for creating and viewing representations of information [Wilhelm, the system determines that the user is authorized to view a predefined subset as the first mode and/or entire records as a second mode, col 7 lines 32-48];

b) encoding means for automatically encoding representations created with said authoring/reading components into an Internet compatible email message [Wilhelm, encoding software, col 6 lines 35-47]; and

wherein at least one of said authoring/reading components is responsive to a role mode encoded in an email message whereby said role mode determines how information in said email message will be displayed [Wilhelm, encoding software, col 6 lines 36-46; determines that the user is authorized to view and display and information record, col 6 lines 4-18].

However Wilhelm does not explicitly detail

c) decoding means for **automatically decoding** said representations encoded by said encoding means

In the same endeavor, Reed taught an automated communications system distributed the MIME object or email message including automatically decrypt the message [Reed, col 51 line 33-48]

Therefore it would have been obvious to an ordinary skill in the art at the time the invention was made to incorporate the technique of automatically decoding the encoded



message or record as taught by Reed into the Wilhelm's apparatus in order to implementing the encoding software.

Doing so would allow sender and receiver quickly and easily establish an automated communications relationship via a computer network.

33. As per claim 15, Wilhelm-Reed disclose said role modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient [Wilhelm, doctor or physician and patient, col 120 lines 42-63].

34. As per claim 16, Wilhelm-Reed disclose a message encoded with a first role mode allows a recipient of the message to use a first set of tools to respond to the message [Wilhelm, encoding software, col 6 lines 36-46], and a message encoded with a second role mode allows a recipient of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other [Wilhelm, search and view a subset or entire records, col 7 lines 32-48].

35. As per claim 17, Wilhelm-Reed disclose a message encoded with a first role mode allows a recipient of the message to see all of the information contained in the message, and a message encoded with a second role mode allows a recipient of the message to see a only subset of the information contained in the message [Wilhelm,

encoding software, col 6 lines 36-46; search and view a subset or entire records, col 7 lines 32-48].

36. As per claim 18, Wilhelm-Reed disclose a message encoded with a first role mode allows a recipient of the message to see the information contained in the message organized in the same way it appeared during creation of the message [Wilhelm, encoding software, col 6 lines 36-46], and

a message encoded with a second role mode prevents a recipient of the message from seeing the information contained in the message organized in the same way it appeared during creation of the message [Wilhelm, search and view a subset or entire records, col 7 lines 32-48], and

only allows the recipient to see the information organized in a different way [Wilhelm, different view is displayed, col 6 lines 4-18].

37. Claims 1-27 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Malkin et al [Malkin 6,317,795 B1].

38. As per claim 1, Malkin discloses An electronic mail client, comprising:

a) an electronic file or a mail handling component for sending and receiving electronic file or mail [Malkin, a content server 135 with multimedia file, Fig 1]; and

b) an authoring/reading component for creating electronic (mail) messages and for reading electronic (mail) messages, said authoring/reading component having at least two modes of authoring, said modes being selectable by said authoring/reading

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component when creating an electronic mail message [Malkin, the providers pre-constructed frame level masks to dynamically modify the content of multimedia file or email before it is displayed at the client station, col 6 lines 5-19]

wherein each mode causes the electronic (mail) message to be displayed in a different manner when read by the authoring/reading component [Malkin, a video stream or email modified with a set of fuzz balls, col 7 lines 20-67].

Malkin does not explicitly detail a multimedia message or file as email message. It would be obvious to an ordinary skill in the art at the invention was made to modify the electronic file to email message to expand and enhance the security and authoring control electronic message to email environment.

Doing so would provide dynamic and efficient to create and delivery email message via Internet.

39. As per claim 2, Malkin discloses said two modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient as inherent features of sender and viewer.

40. As per claim 3, Malkin discloses the mode of a message is encoded in the message and determined by the authoring/reading component when the message is read [Malkin, encoded, col 11 lines 20-55].

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41. As per claim 4, Malkin discloses the mode of a message is encoded as a MIME-type as a design choice of encoded [Malkin, encoded, col 11 lines 20-55].

42. As per claim 5, Malkin discloses a message created in a first of said two modes allows a recipient of the message to use a first set of tools to respond to the message [Malkin, the client can work directly with a mask provider, col 18 lines 29-53], and a message created in a second of said two modes allows a recipient of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other [Malkin, the mask provider selects one or more control specifications, col 6 lines 58-col 7 line 4].

43. As per claim 6, Malkin discloses a message created in a first of said two modes allows a recipient of the message to see all of the information contained in the message [Malkin, minimized the level or none, col 8 lines 1-30], and

a message created in a second of said two modes allows a recipient of the message to see a only subset of the information contained in the message [Malkin, see all information of video frame or a subset with 20% blocked out, col 6 lines 43-57].

44. As per claim 7, Malkin discloses a message created in a first of said two modes allows a recipient of the message to see the information contained in the message organized in the same way it appeared during creation of the message [Malkin, minimized the level or none, col 8 lines 1-30], and.

a message created in a second of said two modes prevents a recipient of the message from seeing the information contained in the message organized in the same way it appeared during creation of the message, and only allows the recipient to see the information organized in a different [Malkin, a threshold determination is to be made to modified video, col 6 lines 43-57].

45. As per claim 8, Malkin discloses An electronic mail system, comprising:

a) a first electronic mail client having a first authoring/reading component for creating and reading electronic mail messages [Malkin, the client can work directly with a mask provider, col 18 lines 29-53; determine a threshold to be blocked out with different levels, col 8 lines 1-30]; and

b) a second electronic mail client having a second authoring/reading component for creating and reading electronic mail messages [Malkin, the client can work directly with a mask provider, col 18 lines 29-53; determine a threshold to be blocked out with different levels, col 8 lines 1-30],

wherein said first authoring/reading component creates messages in a first mode and said second authoring/reading component reads messages in a second mode, each mode causing messages to be displayed in a different manner [Malkin, different fuzz-balls can accordingly be provided for each dimension at each level, col 8 lines 1-30].

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46. As per claim 9, Malkin discloses said first and second modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient as inherent features of sender and viewer.

47. As per claim 10, Malkin discloses the mode of displaying a message is encoded in the message by the first authoring/reading component and determined by the second authoring/ reading component when the message is read [Malkin, a percentage of content altered or masked, col 10 lines 8-26].

48. As per claim 11, Malkin discloses a message displayed in said first mode allows a viewer of the message to use a first set of tools to respond to the message [Malkin, the client can work directly with a mask provider, col 18 lines 29-54], and a message displayed in said second mode allows a viewer of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other [Malkin, different fuzz-balls, col 7 line 55; different labels, col 8 lines 31-52].

49. As per claim 12, a message viewed in said first mode allows the viewer of the message to see all of the information contained in the message, and a message created in said second mode allows the viewer of the message to see only a subset of the information contained in the message [Malkin, 20% blocked out, col 6 lines 43-58].

50. As per claim 13, Malkin discloses a message viewed in said first mode allows a viewer of the message to see the information contained in the message organized one way [Malkin, minimized the level or none, col 8 lines 1-30], and

a message viewed in said second mode only allows the recipient to see the information organized in a second way different from said first way [Malkin, different viewers may have different specifications, col 7 lines 5-20; different levels of violence and nudity, col 8 lines 1-30].

51. As per claim 14, Malkin discloses An electronic mail client, comprising:

a) a plurality of authoring/reading components for creating and viewing representations of information [Malkin, dynamically apply the appropriate control specification to modify a video stream with a set of fuzz-ball, col 7 lines 5-67];

b) encoding means for automatically encoding representations created with said authoring/reading components into an Internet compatible email message [Malkin, encoded, col 11 lines 20-55]; and

c) decoding means for automatically decoding said representations encoded by said encoding means [Malkin, the video is decoded module, col 17 lines 48-col 18 line 14],

wherein at least one of said authoring/reading components is responsive to a role mode encoded in an email message [Malkin, encoded, col 11 lines 20-55] whereby said role mode determines how information in said email message will be displayed [Malkin, specify the maximum percentage of content may be modified, col 9 lines 1-27].

52. As per claim 15, Malkin discloses said role modes are selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient as inherent features of sender and viewer.

53. As per claim 16, Malkin discloses a message encoded with a first role mode allows a recipient of the message to use a first set of tools to respond to the message [Malkin, the client can work directly with a mask provider, col 18 lines 29-54], and a message encoded with a second role mode allows a recipient of the message to use a second set of tools to respond to the message, said first set of tools and said second set of tools being different from each other [Malkin, encoded, col 11 lines 20-55].

54. As per claim 17, Malkin discloses a message encoded with a first role mode allows a recipient of the message to see all of the information contained in the message [Malkin, encoded, col 11 lines 20-55], and a message encoded with a second role mode allows a recipient of the message to see a only subset of the information contained in the message [Malkin, 20% blocked out, col 6 lines 43-57].

55. As per claim 18, Malkin discloses a message encoded with a first role mode allows a recipient of the message to see the information contained in the message



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organized in the same way it appeared during creation of the message [Malkin, encoded, col 11 lines 20-55], and

a message encoded with a second role mode prevents a recipient of the message from seeing the information contained in the message organized in the same way it appeared during creation of the message, and only allows the recipient to see the information organized in a different way [Malkin, different fuzz-balls 397, Fig 3A].

56. As per claim 19, Malkin discloses An electronic mail client comprising:

a) a main email component for sending and receiving messages [Malkin, a content server 135 with multimedia files, Fig 1]; and

b) a plurality of installable authoring/reading components for creating and reading messages [Malkin, the providers pre-constructed frame level masks to dynamically modify the content of multimedia file before it is displayed at the client station, col 6 lines 5-19],

wherein said main email component communicates with said authoring/reading components through a bidirectional application programming interface [Malkin, a dialog box, col 9 lines 20-25].

57. As per claim 20, Malkin discloses said application programming interface provides at least one function call to said main email client by an authoring/reading component selected from the group consisting of get message, send message, save

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message, pass message, get registered users, enable button, disable button, and kill component [Malkin, edit list, col 12 lines 59-65].

58. As per claim 21, Malkin discloses said application programming interface provides at least one function call to an authoring/reading component by said main email client selected from the group consisting of close window, get component info, initialize window, send message, open message, reply message, clear message, print message [Malkin, control specification with organization or subgroups, col 7 lines 5-20].

59. As per claim 22, Malkin discloses A method of corresponding by electronic mail, comprising:

a) creating a representation of information [Malkin, a mask request, col 5 lines 4-27];

b) encoding the representation into an Internet-compatible email message [Malkin, encoded, col 11 lines 20-55];

c) sending the email message to an email client [Malkin, the objects, video frame, audio, col 5 lines 20-25]; and

d) decoding the email message at the email client [Malkin, a video decode module, col 17 line 48-col 18 line 14],

wherein the email client is responsive to a role mode encoded in the email message whereby the role mode determines how information in said email message will

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be displayed [Malkin, a threshold determination is to be made for the modified video, col 6 lines 43-57].

60. As per claim 23, Malkin discloses the role mode is selected from the group consisting of customer and vendor, teacher and student, auctioneer and bidder, and doctor and patient as inherent features of sender and viewer.

61. As per claim 24, Malkin discloses the role mode of a message is encoded as a MIME-type as a design choice of encoded [Malkin, encoded, col 11 lines 20-55].

62. As per claim 25, Malkin discloses the role mode determines what tools may be used by the email client to view the representation of information [Malkin, different fuzz-balls 397, Fig 3A].

63. As per claim 26, Malkin discloses the role mode determines what tools may be used by the email client to respond to the message [Malkin, different labels, col 8 lines 31-52].

64. As per claim 27, Malkin discloses the role mode determines how much of the representation of information can be viewed by the email client [Malkin, specify the maximum percentage of content may be modified, col 9 lines 5-10].

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thong Vu*, whose telephone number is (571)-272-3333. The examiner can normally be reached on Monday-Thursday from 6:00AM- 3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Lynn Feild*, can be reached at (571) 272-2092. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

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*Thong Vu*  
*Primary Examiner*

A handwritten signature in black ink, appearing to read 'Thong Vu', with a horizontal line underneath.

THONG VU  
PRIMARY PATENT EXAMINER